

Phase II

Environmental Site Assessment 102 Lansing and 332 East Lawrence Charlotte, Michigan

**City of Charlotte
Brownfield Redevelopment Authority**

**NTH Project No. 16-060849-10
December 30, 2009**



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1.0 INTRODUCTION

NTH Consultants, Ltd. (NTH) has prepared this Phase II Environmental Site Assessment (ESA) on behalf of the Charlotte Brownfield Redevelopment Authority (CBRA). The Phase II ESA activities were performed under the CBRA's U.S. Environmental Protection Agency (U.S. EPA) Brownfield Assessment Grant (the Grant).

The CBRA identified the two properties, 102 Lansing Road (Tasty Twist) and 332 East Lawrence, collectively referred to as the Site, in the City of Charlotte. The Site was deemed eligible by the CBRA for assessment under the Petroleum Substances portion of the Grant. The Michigan Department of Environmental Quality also determined the Site was eligible for Grant funding. The approximate location of the Site is shown on the attached Figure No. 1, "Site Location Map."

The Site is approximately 1.3-acres in size, and is currently comprised of two parcels with addresses of 102 Lansing Road and 332 East Lawrence Avenue. The 332 East Lawrence property contains one residential structure with two garages. The 102 Lansing Road property contains one commercial building which is currently a vacant, seasonal, ice cream shop. The layout of the Site is shown on the attached Figure No. 2 "Boring Location Plan". The source of Figure 2 is the Eaton County Geographical Information Systems Department. Note that the "property lines" shown on Figure 2 are approximate and are not to be relied upon as true property lines or a legal description of the properties.

NTH recently performed separate Phase I ESA studies on both properties. The reports were submitted under separate cover. The Phase I ESAs identified the following Recognized Environmental Conditions (RECs):

- Based on the Sanborn Fire Insurance Maps, the 102 Lansing Road property was formerly occupied by an automobile fueling station in 1927. The Sanborn Maps also indicate the presence of two gasoline storage tanks.
- Based on the interview with Mr. Ron Munson, property owner at 332 East Lawrence Avenue, a former heating oil AST was present on the property within one of the garages. The garage is also suspected to have been used for automobile repair operations.



- Two nearby sites are “closed” leaking underground storage tank sites. Previous investigations’ data did not assess potential groundwater impacts or establish a groundwater flow direction.

Based on the above RECs, a Phase II ESA was conducted. The objective of this Phase II ESA was to evaluate if soil or groundwater contamination is present at the Site at levels exceeding the MDEQ Generic Cleanup Criteria developed under Part 201 of the Natural Resources and Environmental Protection Act (NREPA), 1994 P.A. 451, as amended.

2.0 FIELD EXPLORATION AND SAMPLING

Phase II ESA activities were performed in accordance with the EPA-approved-Quality Assurance Project Plan (QAPP) prepared by NTH. Exploration activities conducted by NTH were also directed by the site-specific health and safety plan (HASP). NTH contacted MISS DIG utility locating service to locate and mark utilities within the work area no less than three (3) working days prior to initiating field activities.

2.1 SUBSURFACE INVESTIGATION

A subsurface exploration was performed by Terra Probe Environmental Inc. (Terra Probe) using a track-mounted 6620 DT earthprobe drilling rig to collect discrete soil samples and evaluate subsurface conditions. All subsurface investigations were performed under the direct supervision of NTH.

On December 17, 2009, eight (8) soil borings (B-1 through B-8) were performed at the Site at the approximate locations shown on the attached Figure 2. The table below describes the location of each boring.

| Boring Number | Location / Rationale |
|-----------------|---|
| B-1 through B-3 | Area west/southwest of existing Tasty Twist ice cream shop, in area of historic gasoline underground storage tanks. Also to evaluate potential for migration onto the Site from off-site leaking UST sites. |
| B-5 and B-6 | Along northwest property boundary adjacent to railroad line to evaluate for potential impact from railroad and for spatial distribution. |
| B-7 through B-9 | Around existing garage that is suspected to have been used for automobile repair operations, and which had a former above ground heating oil tank |

Based on available data from other investigations performed in the area, the depth to groundwater beneath the Site was expected to be approximately 15 feet below ground surface. Therefore, the proposed plan was to advance the borings to a maximum depth of approximately 20 feet below ground surface (bgs), or to the groundwater table if shallower. However, groundwater was not encountered. All borings, with the exception of B-2 which was advanced to 28 feet bgs, were advanced to 24 feet bgs in an attempt to reach the groundwater table.

Continuous soil samples were collected from each earthprobe boring using 2 inch diameter, 4 feet long acetate sample tubes. Subsurface samples were visually characterized in the field. Physical indicators of environmental contamination such as staining and odors (if observed) were documented. Samples were also field-screened using a portable photoionization detector (PID) to determine the approximate concentrations of total volatile organic compounds (VOCs). General soil descriptions and PID readings were recorded on the Geoprobe Logs included as Figure No. 3. The majority of the soils encountered were generally described as brown sand occasionally containing silt, gravel, and/or clay. The void space created by the earthprobe borings were backfilled with bentonite chips and the ground surface was restored to match the surrounding conditions.

One (1) "worst case" unsaturated soil sample was collected from each boring. Worst-case soil samples were determined based on visual and olfactory observations, and field screening results. Suspected petroleum staining and odors were noted in many of the soil borings across the Site. However, all of the samples were screened with the PID and no positive PID detections were noted. Due to the lack of PID readings and the appearance of "staining" and odors across the Site, it is possible that the soils contained a high organic content and an associated odor. This conclusion is supported by laboratory testing results discussed in Section 3.0.

2.2 LABORATORY TESTING

The soil samples were handled and transported in accordance with the protocol outlined in the QAPP. Fibertec Environmental Services (Fibertec) provided laboratory testing services. The soil samples taken from the B-1 through B-3 locations were analyzed for VOCs and lead based on the former contents of the underground storage tanks that were located on the Site. The remaining soil samples taken from the site

were analyzed for VOCs, PNAs, and the Michigan 10 Metals. The laboratory data reports, including QA/QC data and chain-of-custody forms are included in Appendix C.

3.0 EVALUATION OF ANALYTICAL DATA

The results of the soil analyses were compared to the MDEQ-established generic residential cleanup criteria, pursuant to Part 201 of the Natural Resources and Environmental Protection Act, 1994, Public Act 451, as amended (Part 201). The Part 201 rules provide generic cleanup criteria developed for a number of potential exposure routes and migratory pathways, which include:

- Direct contact (including soil ingestion) with impacted soil.
- Direct contact with groundwater.
- Inhalation of impacted particulate (soil) and/or volatilized compounds from soil and/or groundwater.
- Ingestion of impacted groundwater.
- Migration of hazardous substances from soil into groundwater or surface water (drinking water protection and/or groundwater/surface water interface protection).
- Migration of hazardous substances from groundwater to surface water (groundwater/surface water interface).

Part 201 allows for evaluation of relevant or applicable pathways of exposure or migration by considering geologic and hydrogeologic characteristics and prevailing surface conditions at the impacted sites.

Depending on site-specific factors (e.g., soil and water conditions, nature, extent, and severity of identified hazardous substances), certain exposure or migration pathways can be eliminated or determined not to be applicable, and thus, not relevant to assessment of subsurface environmental risk at a site.

Subsurface conditions at the property were explored to depths up to approximately 28 bgs. Groundwater was not encountered during this exploration; therefore the following pathways for groundwater have been eliminated:

- Direct contact with groundwater.
- Inhalation of volatilized compounds from groundwater.



- Ingestion of impacted groundwater.
- Migration of hazardous substances from groundwater to surface water (groundwater/surface water interface).

3.1 SOIL ANALYTICAL DATA

Based on the above-discussed evaluation, the results of the soil analyses were compared to the following Part 201 generic residential criteria:

- Direct Contact Criteria (DCC).
- Drinking Water Protection (DWP) criteria.
- Groundwater/Surface water Interface Protection (GSIP) criteria for surface water not used as a drinking water source.
- Groundwater Contact Protection (GCP) criteria.
- Soil Volatilization to Indoor air Inhalation Criteria (SVIIC).
- Volatile Soil Inhalation Criteria (VSIC) for ambient, assuming an “infinite source.”
- Particulate Soil Inhalation Criteria (PSIC).

The results of the metals analyses were also compared to the statewide default background (SDBL) concentrations, as established by MDEQ.

The soil analytical results are summarized in Table No. 1 “Summary of Analytical Data, Soil Samples” in Appendix B, and are discussed in the following sections. Only detected compounds are shown on the data summary table. A full list of analyzed parameters can be found in the laboratory data reports in Appendix C.

As shown on Table No. 1, no VOCs or PNAs, were detected above the Method Detection Limit (MDL) in any of the soil samples that were analyzed for those parameters. Consistent with Part 201 regulations, detected concentrations of the various metals were only considered to exceed Generic Residential Cleanup Criteria if they also exceeded their respective Statewide Default Background Levels (SDBLs). Metals were detected in each soil sample analyzed; however, detected levels were below Generic Residential Cleanup Criteria and/or their respective SDBLs.



4.0 CONCLUSIONS

During this site assessment, 8 soil borings were performed at the property to evaluate subsurface conditions, and to facilitate the collection of samples for chemical analyses. No evidence of contamination was identified during Phase II ESA exploration. No groundwater was encountered at any of the boring locations, within the depths explored during the Phase II ESA.

As discussed in this report, no contaminants were detected in the subsurface soil samples at levels exceeding Part 201 Generic Residential Cleanup Criteria. Therefore, based on the available analytical data, the Site is not considered a "facility" in accordance with Part 201 of Act 451, as amended.

5.0 LIMITATIONS

The objective of the Phase II ESA exploration was to evaluate whether contamination was present at the Site at levels exceeding the MDEQ's Generic Cleanup Criteria developed under Part 201.

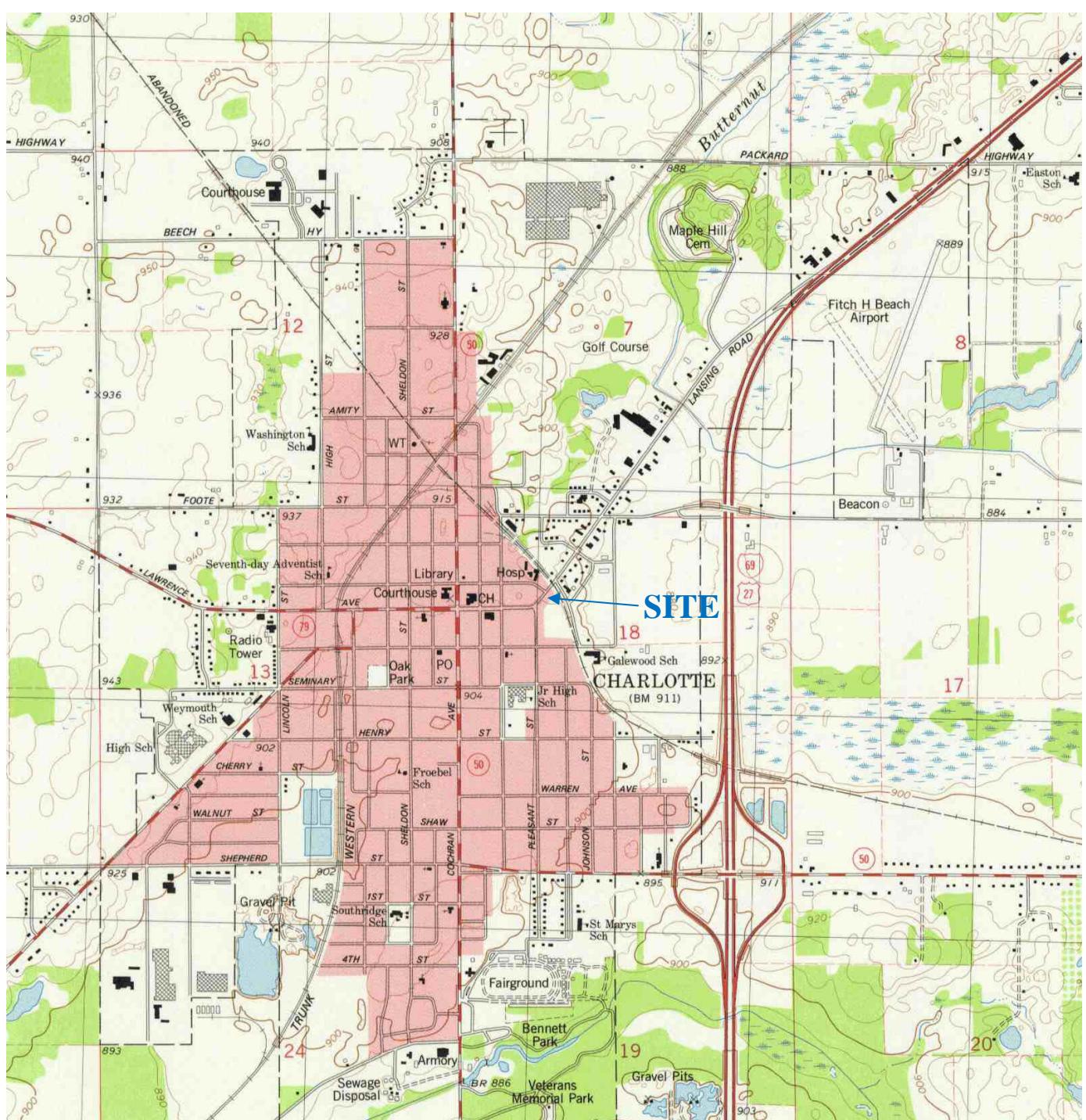
Considering the limited scope of the present exploration, data collection, and testing, our findings should not be construed as absolute certainties, but rather indicative of generalized site conditions within the areas and depths explored during this study. NTH cannot offer any form of warranty or guarantee with respect to the type and extent of hazardous substances on the property, other than those identified and discussed in this report.

This report is intended for the exclusive use of the City of Charlotte. This report presents NTH's opinion of the property as of this date, based on the results of this study. The results of this study may not be relied upon by parties other than those identified above without the prior knowledge and written consent of NTH.



APPENDIX A

FIGURES



Source: USGS 1980 Topographic Map

| | | |
|---------------------------------|---|------------------------------------|
| Project No.: 16-060849-14 | Project Name: Tasty Twist, Charlotte, MI | Title: Site Location Map |
| Scale: 1:24000 | | |
| Drawn By: SLK Checked By: | NTH Consultants, Ltd. Infrastructure Engineering and Environmental Services | Figure No.: 1 |

 Approximate Location of Soil Borings



Project No.: 16-060849-10

Scale: Unknown

Drawn By: SLK

Checked By:

Project Name: Tasty Twist Redevelopment
Charlotte, Michigan

Title: Boring Location Plan

Date: 12-2009

Fig No.:



NTH Consultants, Ltd.
Infrastructure Engineering and Environmental Services

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LOG OF GEOPROBES

| PROBE NO. | DEPTH (FT) | SOIL DESCRIPTION | DISCRETE SAMPLE INFO. | | | |
|-----------|-------------|---|-----------------------|------------|------|--------------------------------|
| | | | SAMPLE TYPE | DEPTH (FT) | | PEAK VOC FIELD SCREENING (PPM) |
| | | | | FROM | TO | |
| B-1 | 0 - 0.67 | ASPHALT | - | - | - | - |
| | 0.67 - 1.0 | CONCRETE/GRAVEL | - | - | - | - |
| | 1.0 - 1.5 | DARK BROWN MOIST SANDY SILT | - | - | - | 0 |
| | 1.5 - 2.0 | BROWN MOIST SANDY CLAY | - | - | - | 0 |
| | 2.0 - 2.3 | BROWN SANDY GRAVEL | - | - | - | 0 |
| | 2.3 - 8.0 | BROWN SAND (PETRO ODOR - POSSIBILITY OF STAINING) | JAR | 4.0 | 8.0 | 0 |
| | 8.0 - 24.0 | SAME AS ABOVE (SAA) - BROWN SAND (PETRO ODOR NOTED FROM 8.0 TO 12.0) END OF BORING | - | - | - | 0 |
| B-2 | 0 - 0.67 | ASPHALT | - | - | - | - |
| | 0.67 - 1.0 | CONCRETE/GRAVEL | - | - | - | - |
| | 1.0 - 4.0 | BROWN SILTY SAND | - | - | - | 0 |
| | 4.0 - 8.0 | BROWN SAND | - | - | - | 0 |
| | 8.0 - 12.0 | SAA - BROWN SAND | JAR | 4.0 | 8.0 | 0 |
| | 12.0 - 22.0 | SAA - BROWN SAND | - | - | - | 0 |
| | 22.0 - 24.0 | COARSE BROWN SAND W/ GRAVEL | - | - | - | 0 |
| | 24.0 - 28.0 | COARSE GRAVELLY SAND END OF BORING PETRO ODOR NOTED FROM 4.0 FT TO 28.0 FT | JAR | 24.0 | 28.0 | 0 |
| B-3 | 0 - 0.33 | ASPHALT | - | - | - | - |
| | 0.33 - 4.0 | DARK BROWN / BROWN SANDY CLAY | - | - | - | 0 |
| | 4.0 - 4.3 | DARK BROWN CLAYEY SAND | - | - | - | 0 |
| | 4.3 - 24.0 | BROWN SAND (SLIGHT PETRO ODOR NOTED) END OF BORING | JAR | 12.0 | 16.0 | 0 |
| B-4 | 0 - 0.5 | ASPHALT | - | - | - | - |
| | 0.5 - 4.0 | DARK BROWN TO BROWN MOIST SANDY CLAY | - | - | - | 0 |
| | 4.0 - 8.0 | BROWN SILTY SAND WITH TRACE GRAVEL | - | - | - | 0 |
| | 8.0 - 24.0 | BROWN SAND WITH BLACK STAINED LENSES (SLIGHT PETRO ODOR) END OF BORING | JAR | 20.0 | 24.0 | 0 |

NOTES:

- [1] GEOPROBES BACKFILLED WITH BENTONITE CHIPS AFTER OBTAINING SOIL SAMPLES.
- [2] GEOPROBE DRILLING INSPECTED BY TIM KRAUSE OF NTH CONSULTANTS, LTD.
- [3] SOIL CLASSIFICATION BASED SOLELY ON VISUAL OBSERVATION.

DRILLED BY: TERRA PROBE ENVIRONMENTAL, INC.

DATE: December 17, 2009

FIGURE NO: 3

PROJECT NO: TASTY TWIST
16-060849-10

NTH CONSULTANTS, LTD.

SHEET 2 OF 2

LOG OF GEOPROBES

| PROBE NO. | GROUND SURFACE ELEV. | DEPTH (FT) | SOIL DESCRIPTION | DISCRETE SAMPLE INFO. | | | |
|-----------|----------------------|-------------|--|-----------------------|--------------------|------------------|-------------------------|
| | | | | SAMPLE TYPE | DEPTH (FT) FROM | DEPTH (FT) TO | HNU READING (PPM) |
| B-5 | | 0 - 4.0 | DARK BROWN TO BROWN CLAYEY SAND | - | - | - | 0 |
| | | 4.0 - 8.0 | BROWN SAND (SLIGHT PETRO ODOR) | - | - | - | 0 |
| | | 8.0 - 12.0 | BROWN MOIST SILTY SAND | - | - | - | 0 |
| | | 12.0 - 20.0 | BROWN SAND (PETRO ODOR) | - | - | - | 0 |
| | | 20.0 - 24.0 | BROWN SAND WITH BLACK STAINED LENSES END OF BORING | JAR | 20.0 | 24.0 | 0 |
| B-6 | | 0 - 4.0 | BROWN GRAVELLY SAND | - | - | - | 0 |
| | | 4.0 - 8.0 | BROWN SILTY SAND TRACE GRAVEL | - | - | - | 0 |
| | | 8.0 - 12.0 | BROWN SAND TRACE GRAVEL | - | - | - | 0 |
| | | 12.0 - 22.0 | BROWN SAND WITH BLACK STAINED LENSES | - | - | - | 0 |
| | | 22.0 - 24.0 | BROWN GRAVELLY SAND WITH BLACK STAINED LENSES END OF BORING | JAR | 20.0 | 24.0 | 0 |
| B-7 | | 0 - 0.3 | DARK BROWN SILTY SAND | - | - | - | 0 |
| | | 0.3 - 4.0 | BROWN SANDY CLAY | - | - | - | 0 |
| | | 4.0 - 8.0 | BROWN SILTY SAND WITH BLACK STAINING | - | - | - | 0 |
| | | 8.0 - 22.5 | BROWN SAND WITH BLACK STAINING | JAR | 16.0 | 20.0 | 0 |
| | | 22.5 - 24.0 | BROWN SANDY GRAVEL END OF BORING | - | - | - | 0 |
| B-8 | | 0 - 0.5 | DARK BROWN SILTY SAND | - | - | - | 0 |
| | | 0.5 - 4.0 | BROWN SANDY CLAY | - | - | - | 0 |
| | | 4.0 - 16.0 | NO RECOVERY | N/A | N/A | N/A | NA |
| | | 16.0 - 24.0 | BROWN SAND WITH BLACK STAINING END OF BORING | JAR | 16.0 | 20.0 | 0 |

NOTES:

- [1] GEOPROBES BACKFILLED WITH BENTONITE CHIPS AFTER OBTAINING SOIL SAMPLES.
- [2] GEOPROBE DRILLING INSPECTED BY TIM KRAUSE OF NTH CONSULTANTS, LTD.
- [3] SOIL CLASSIFICATION BASED SOLELY ON VISUAL OBSERVATION.

DRILLED BY: TERRA PROBE ENVIRONMENTAL, INC.

DATE: December 17, 2009

FIGURE NO: 3



APPENDIX B

SUMMARY OF CHEMICAL ANALYSES

TABLE No. 1
 Summary of Analytical Data
 Soil Samples Collected on December 17, 2009
 102 Lansing and 332 East Lawrence Avenue
 Charlotte, Michigan

| SAMPLE ID | B-1 | B-2 | B-2 | B-3 | B-4 | B-5 | B-6 | B-7 | B-8 | Part 201 Generic Cleanup Criteria (MDEQ Operational Memorandum No. 1, January 23, 2006) | | | | | | | |
|---------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---|---|---|---|---|--------------------------------------|-------------------------|---|
| Sample Depth (Feet Below Grade) | 8 to 12 | 8 to 12 | 24 to 28 | 12 to 16 | 20 to 24 | 20 to 24 | 20 to 24 | 16 to 20 | 16 to 20 | Residential and Commercial I | | | | | | | |
| Collection Date | 12/17/09 | 12/17/09 | 12/17/09 | 12/17/09 | 12/17/09 | 12/17/09 | 12/17/09 | 12/17/09 | 12/17/09 | Groundwater Protection | | | Indoor Air | Ambient Air | | Direct Contact | Csat/Background |
| VOC ANALYTICAL METHOD | 5030B / 8260B | Drinking Water Protection Criteria | Groundwater Surface Water Interface Protection Criteria | Groundwater Contact Protection (GCP) Criteria | Soil Volatilization to Indoor Air Inhalation (SVIIC) Criteria | Infinite Source Volatile Soil Inhalation Criteria | Particulate Soil Inhalation Criteria | Direct Contact Criteria | Soil Saturation (Csat) Screening Levels |
| VOCs (ug/kg) | CONC. | | | | | | | | |
| All Analyzed VOCs | ND | Various | Various | Various | Various | Various | Various | Various | |
| PNA ANALYTICAL METHOD | | | | | 3550B/8270C | 3550B/8270C | 3550B/8270C | 3550B/8270C | 3550B/8270C | DWP Criteria | GSI Protection Criteria | GCP Criteria | SVIIC | Infinite Source VSIC | PSIC | Direct Contact Criteria | Csat |
| PNAs (ug/kg) | | | | | CONC. | CONC. | CONC. | CONC. | CONC. | | | | | | | | |
| Analyzed All PNA's | - | - | - | - | ND | ND | ND | ND | ND | Various | Various | Various | Various | Various | Various | Various | |
| METALS ANALYTICAL METHODS | 3050B / 6020 | DWP Criteria | GSI Protection Criteria | GCP Criteria | SVIIC | Infinite Source VSIC | PSIC | Direct Contact Criteria | Statewide Default Background Levels |
| METALS (ug/kg) | CONC. | | | | | | | | |
| Arsenic | - | - | - | - | 2,300 | 2,600 | 3,700 | 1,400 | 1,500 | 4,600 | 70,000 (X) | 2,000,000 | NLV | NLV | 720,000 | 7,600 | 5,800 |
| Barium | - | - | - | - | 5,800 | 6,200 | 9,600 | 3,700 | 5,000 | 1,300,000 | 600,000 (G,X) | 1,000,000,000 (D) | NLV | NLV | 330,000,000 | 37,000,000 | 75,000 |
| Cadmium | - | - | - | - | ND | ND | 63 | ND | ND | 6,000 | 4,500 (G,X) | 230,000,000 | NLV | NLV | 1,700,000 | 550,000 | 1,200 |
| Chromium, Total (H) | - | - | - | - | 3,100 | 3,500 | 4,700 | 2,600 | 3,000 | 1,000,000,000 (D) | 1,000,000,000 (G,X) | 1,000,000,000 (D) | NLV | NLV | 330,000,000 | 790,000,000 | 18,000 |
| Copper | - | - | - | - | 3,600 | 5,100 | 9,100 | 2,900 | 3,500 | 5,800,000 | 93,000 (G) | 1,000,000,000 (D) | NLV | NLV | 130,000,000 | 20,000,000 | 32,000 |
| Lead, Total | 4,600 | 2,600 | 7,200 | 1,600 | 2,000 | 2,600 | 3,300 | 1,600 | 1,800 | 700,000 | 3,800,000 (G,X) | ID | NLV | NLV | 100,000,000 | 400,000 | 21,000 |
| Selenium | - | - | - | - | ND | ND | ND | ND | ND | 4,000 | 400 | 78,000,000 | NLV | NLV | 130,000,000 | 2,600,000 | 410 |
| Silver | - | - | - | - | ND | ND | ND | ND | ND | 4,500 | 100 (M) | 200,000,000 | NLV | NLV | 6,700,000 | 2,500,000 | 1,000 |
| Zinc | - | - | - | - | 14,000 | 16,000 | 22,000 | 9,700 | 12,000 | 2,400,000 | 210,000 (G) | 1,000,000,000 (D) | NLV | NLV | ID | 170,000,000 | 47,000 |

Notes:

All results reported on dry weight basis

Only parameters with at least one detection, or a laboratory reporting limit exceeding one or more criteria have been included on this table. Refer to the laboratory data report for a full list of compounds/elements analyzed.

MDL = Method Detection Limit achieved by laboratory

CONC. = Concentration

ND = Parameter not detected above the laboratory reporting limit, which is at or below the corresponding Target Detection Limit (TDL).

< = Laboratory's reporting limit is raised above the TDL and above at least one criterion; the value shown is the reporting limit achieved by laboratory.

A blank cell indicates that the parameter was not tested for that sample.

A shaded cell indicates that one or more of the criterion have been exceeded.



APPENDIX C

ANALYTICAL DATA REPORT

Thursday, December 24, 2009

Fibertec Project Number: 37365
Project Identification: Tasty Twist/16-060850
Submittal Date: 12/18/2009

Mr. Steve Crider
NTH Consultants, Ltd. - Lansing
608 S. Washington Ave
Lansing, MI 48933

Dear Mr. Crider,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note samples will be disposed of 30 days after reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345. Please note samples will be disposed of 30 days after reporting date.

Sincerely,



Daryl P. Strandbergh
Laboratory Director

DPS/kc

Enclosures

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-001 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-1 8-12' |
| Project Number: | 16-060850 | Client Sample Number: | 1 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 5.45%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|----------------------|----------|-------|------|---|----------|------------|------------|-----|
| Acetone | U | µg/kg | 1100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Acrylonitrile | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Benzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Bromobenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Bromoform | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Bromomethane | U | µg/kg | 210 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 2-Butanone | U | µg/kg | 790 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| n-Butylbenzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| sec-Butylbenzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| tert-Butylbenzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Carbon Disulfide | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Carbon Tetrachloride | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Chlorobenzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Chloroethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Chloroform | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Chloromethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 2-Chlorotoluene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Dibromochloromethane | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-001 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-1 8-12' |
| Project Number: | 16-060850 | Client Sample Number: | 1 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 5.45%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|-----------------------------|----------|-------|------|---|----------|------------|------------|-----|
| 1,2-Dibromo-3-chloropropane | U | µg/kg | 11 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Dibromomethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,3-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,4-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Dichlorodifluoromethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1-Dichloroethane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2-Dichloroethane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1-Dichloroethene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| cis-1,2-Dichloroethene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| trans-1,2-Dichloroethene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2-Dichloropropane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| cis-1,3-Dichloropropene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| trans-1,3-Dichloropropene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Ethylbenzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Ethylene Dibromide | U | µg/kg | 21 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 2-Hexanone | U | µg/kg | 2600 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Methyl Iodide | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Isopropylbenzene | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 4-Methyl-2-pentanone | U | µg/kg | 2600 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-001 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-1 8-12' |
| Project Number: | 16-060850 | Client Sample Number: | 1 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 5.45%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Methylene Chloride | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 2-Methylnaphthalene | U | µg/kg | 350 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| MTBE | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Naphthalene | U | µg/kg | 350 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| n-Propylbenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Styrene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1,1,2-Tetrachloroethane | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1,2,2-Tetrachloroethane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Tetrachloroethene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Toluene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2,4-Trichlorobenzene | U | µg/kg | 350 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1,1-Trichloroethane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1,2-Trichloroethane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Trichloroethene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Trichlorofluoromethane | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2,3-Trichloropropane | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2,3-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2,4-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,3,5-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Vinyl Chloride | U | µg/kg | 42 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-001 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-1 8-12' |
| Project Number: | 16-060850 | Client Sample Number: | 1 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 5.45%.**

Definitions/
Qualifiers: A: Spike recovery or precision unusable due to dilution.
 B: The analyte was detected in the associated method blank.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
 J: The concentration is an estimated value.
 U: The analyte was not detected at or above the reporting limit.
 X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
| Xylenes | U | µg/kg | 160 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------|---|-------|-----|---|----------|------------|------------|-----|
| Xylenes | U | µg/kg | 160 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
|---------|---|-------|-----|---|----------|------------|------------|-----|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-001A |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-1 8-12' |
| Project Number: | 16-060850 | Client Sample Number: | 1 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 5.45%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Dry Weight Determination (ASTM D 2974-87)

| | | | | | | | | |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|
| Percent Moisture (Water Content) | 5.5 | % | 0.1 | 1 | MC091221 | 12/21/2009 | 12/22/2009 | BMG |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|

Trace Elements by ICP/MS (EPA 3050B/EPA 6020)

| | | | | | | | | |
|------|-------------|-------|------|---|----------|------------|------------|-----|
| Lead | 4600 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
|------|-------------|-------|------|---|----------|------------|------------|-----|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-002 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-2 8-12' |
| Project Number: | 16-060850 | Client Sample Number: | 2 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 4.03%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|----------------------|----------|-------|------|---|----------|------------|------------|-----|
| Acetone | U | µg/kg | 1000 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Acrylonitrile | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Benzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Bromobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Bromoform | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Bromomethane | U | µg/kg | 210 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 2-Butanone | U | µg/kg | 780 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| n-Butylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| sec-Butylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| tert-Butylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Carbon Disulfide | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Carbon Tetrachloride | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Chlorobenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Chloroethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Chloroform | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Chloromethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 2-Chlorotoluene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Dibromochloromethane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |

| | | | |
|---|--|---|---|
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|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-002 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-2 8-12' |
| Project Number: | 16-060850 | Client Sample Number: | 2 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 4.03%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|-----------------------------|----------|-------|------|---|----------|------------|------------|-----|
| 1,2-Dibromo-3-chloropropane | U | µg/kg | 10 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Dibromomethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,3-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,4-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Dichlorodifluoromethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1-Dichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2-Dichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1-Dichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| cis-1,2-Dichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| trans-1,2-Dichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2-Dichloropropane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| cis-1,3-Dichloropropene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| trans-1,3-Dichloropropene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Ethylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Ethylene Dibromide | U | µg/kg | 21 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 2-Hexanone | U | µg/kg | 2600 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Methyl Iodide | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Isopropylbenzene | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 4-Methyl-2-pentanone | U | µg/kg | 2600 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-002 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-2 8-12' |
| Project Number: | 16-060850 | Client Sample Number: | 2 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 4.03%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Methylene Chloride | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 2-Methylnaphthalene | U | µg/kg | 340 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| MTBE | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Naphthalene | U | µg/kg | 340 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| n-Propylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Styrene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1,1,2-Tetrachloroethane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1,2,2-Tetrachloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Tetrachloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Toluene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2,4-Trichlorobenzene | U | µg/kg | 340 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1,1-Trichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,1,2-Trichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Trichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Trichlorofluoromethane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2,3-Trichloropropane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2,3-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,2,4-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| 1,3,5-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
| Vinyl Chloride | U | µg/kg | 42 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-002 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-2 8-12' |
| Project Number: | 16-060850 | Client Sample Number: | 2 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 4.03%.**

Definitions/
Qualifiers: A: Spike recovery or precision unusable due to dilution.
 B: The analyte was detected in the associated method blank.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
 J: The concentration is an estimated value.
 U: The analyte was not detected at or above the reporting limit.
 X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
| Xylenes | U | µg/kg | 160 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------|---|-------|-----|---|----------|------------|------------|-----|
| Xylenes | U | µg/kg | 160 | 1 | VA09L21B | 12/17/2009 | 12/21/2009 | JAS |
|---------|---|-------|-----|---|----------|------------|------------|-----|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-002A |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-2 8-12' |
| Project Number: | 16-060850 | Client Sample Number: | 2 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 4.03%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Dry Weight Determination (ASTM D 2974-87)

| | | | | | | | | |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|
| Percent Moisture (Water Content) | 4.0 | % | 0.1 | 1 | MC091221 | 12/21/2009 | 12/22/2009 | BMG |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|

Trace Elements by ICP/MS (EPA 3050B/EPA 6020)

| | | | | | | | | |
|------|-------------|-------|------|---|----------|------------|------------|-----|
| Lead | 2600 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
|------|-------------|-------|------|---|----------|------------|------------|-----|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-003 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-2 24-28' |
| Project Number: | 16-060850 | Client Sample Number: | 3 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.19%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|----------------------|----------|-------|------|---|----------|------------|------------|-----|
| Acetone | U | µg/kg | 1000 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Acrylonitrile | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Benzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Bromobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Bromoform | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Bromomethane | U | µg/kg | 210 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Bromodichloromethane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 2-Butanone | U | µg/kg | 770 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| n-Butylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| sec-Butylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| tert-Butylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Disulfide | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Tetrachloride | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chlorobenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chloroethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chloroform | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chloromethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 2-Chlorotoluene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Dibromochloromethane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
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|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-003 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-2 24-28' |
| Project Number: | 16-060850 | Client Sample Number: | 3 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.19%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|-----------------------------|----------|-------|------|---|----------|------------|------------|-----|
| 1,2-Dibromo-3-chloropropane | U | µg/kg | 10 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Dibromomethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,3-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,4-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Dichlorodifluoromethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,2-Dichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,2-Dichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloropropane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,3-Dichloropropene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,3-Dichloropropene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Ethylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Ethylene Dibromide | U | µg/kg | 21 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 2-Hexanone | U | µg/kg | 2600 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Methyl Iodide | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Isopropylbenzene | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 4-Methyl-2-pentanone | U | µg/kg | 2600 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-003 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-2 24-28' |
| Project Number: | 16-060850 | Client Sample Number: | 3 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.19%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Methylene Chloride | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 2-Methylnaphthalene | U | µg/kg | 340 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| MTBE | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Naphthalene | U | µg/kg | 340 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| n-Propylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Styrene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1,2-Tetrachloroethane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2,2-Tetrachloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Tetrachloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Toluene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trichlorobenzene | U | µg/kg | 340 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1-Trichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2-Trichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Trichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Trichlorofluoromethane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trichloropropane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,3,5-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Vinyl Chloride | U | µg/kg | 41 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
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|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-003 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-2 24-28' |
| Project Number: | 16-060850 | Client Sample Number: | 3 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 3.19%.**

Definitions/
Qualifiers: A: Spike recovery or precision unusable due to dilution.
 B: The analyte was detected in the associated method blank.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
 J: The concentration is an estimated value.
 U: The analyte was not detected at or above the reporting limit.
 X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
| Xylenes | U | µg/kg | 150 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------|---|-------|-----|---|----------|------------|------------|-----|
| Xylenes | U | µg/kg | 150 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
|---------|---|-------|-----|---|----------|------------|------------|-----|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-003A |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-2 24-28' |
| Project Number: | 16-060850 | Client Sample Number: | 3 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.19%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Dry Weight Determination (ASTM D 2974-87)

| | | | | | | | | |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|
| Percent Moisture (Water Content) | 3.2 | % | 0.1 | 1 | MC091221 | 12/21/2009 | 12/22/2009 | BMG |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|

Trace Elements by ICP/MS (EPA 3050B/EPA 6020)

| | | | | | | | | |
|------|-------------|-------|------|---|----------|------------|------------|-----|
| Lead | 7200 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
|------|-------------|-------|------|---|----------|------------|------------|-----|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-004 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-3 12-6' |
| Project Number: | 16-060850 | Client Sample Number: | 4 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 3.32%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|----------------------|----------|-------|------|---|----------|------------|------------|-----|
| Acetone | U | µg/kg | 1000 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Acrylonitrile | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Benzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Bromobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Bromoform | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Bromomethane | U | µg/kg | 210 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 2-Butanone | U | µg/kg | 780 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| n-Butylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| sec-Butylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| tert-Butylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Disulfide | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Tetrachloride | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chlorobenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chloroethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chloroform | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chloromethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 2-Chlorotoluene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Dibromochloromethane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-004 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-3 12-6' |
| Project Number: | 16-060850 | Client Sample Number: | 4 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 3.32%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|-----------------------------|----------|-------|------|---|----------|------------|------------|-----|
| 1,2-Dibromo-3-chloropropane | U | µg/kg | 10 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Dibromomethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,3-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,4-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Dichlorodifluoromethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,2-Dichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,2-Dichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloropropane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,3-Dichloropropene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,3-Dichloropropene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Ethylbenzene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Ethylene Dibromide | U | µg/kg | 21 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 2-Hexanone | U | µg/kg | 2600 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Methyl Iodide | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Isopropylbenzene | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 4-Methyl-2-pentanone | U | µg/kg | 2600 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-004 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-3 12-6' |
| Project Number: | 16-060850 | Client Sample Number: | 4 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 3.32%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Methylene Chloride | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 2-Methylnaphthalene | U | µg/kg | 340 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| MTBE | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Naphthalene | U | µg/kg | 340 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| n-Propylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Styrene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1,2-Tetrachloroethane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2,2-Tetrachloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Tetrachloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Toluene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trichlorobenzene | U | µg/kg | 340 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1-Trichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2-Trichloroethane | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Trichloroethene | U | µg/kg | 52 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Trichlorofluoromethane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trichloropropane | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,3,5-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Vinyl Chloride | U | µg/kg | 41 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-004 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-3 12-6' |
| Project Number: | 16-060850 | Client Sample Number: | 4 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 3.32%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
| Xylenes | U | µg/kg | 160 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------|---|-------|-----|---|----------|------------|------------|-----|
| Xylenes | U | µg/kg | 160 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
|---------|---|-------|-----|---|----------|------------|------------|-----|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-004A |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-3 12-6' |
| Project Number: | 16-060850 | Client Sample Number: | 4 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 3.32%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Dry Weight Determination (ASTM D 2974-87)

| | | | | | | | | |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|
| Percent Moisture (Water Content) | 3.3 | % | 0.1 | 1 | MC091221 | 12/21/2009 | 12/22/2009 | BMG |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|

Trace Elements by ICP/MS (EPA 3050B/EPA 6020)

| | | | | | | | | |
|------|-------------|-------|------|---|----------|------------|------------|-----|
| Lead | 1600 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
|------|-------------|-------|------|---|----------|------------|------------|-----|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-005 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-4 20-24 |
| Project Number: | 16-060850 | Client Sample Number: | 5 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 5.09%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|----------------------|----------|-------|------|---|----------|------------|------------|-----|
| Acetone | U | µg/kg | 1100 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Acrylonitrile | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Benzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Bromobenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Bromoform | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Bromomethane | U | µg/kg | 210 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 2-Butanone | U | µg/kg | 790 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| n-Butylbenzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| sec-Butylbenzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| tert-Butylbenzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Disulfide | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Tetrachloride | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chlorobenzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chloroethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chloroform | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Chloromethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 2-Chlorotoluene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Dibromochloromethane | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
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|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-005 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-4 20-24 |
| Project Number: | 16-060850 | Client Sample Number: | 5 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 5.09%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|-----------------------------|----------|-------|------|---|----------|------------|------------|-----|
| 1,2-Dibromo-3-chloropropane | U | µg/kg | 11 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Dibromomethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,3-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,4-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Dichlorodifluoromethane | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloroethane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,2-Dichloroethene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,2-Dichloroethene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloropropane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,3-Dichloropropene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,3-Dichloropropene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Ethylbenzene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Ethylene Dibromide | U | µg/kg | 21 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 2-Hexanone | U | µg/kg | 2600 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Methyl Iodide | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Isopropylbenzene | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 4-Methyl-2-pentanone | U | µg/kg | 2600 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-005 |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-4 20-24 |
| Project Number: | 16-060850 | Client Sample Number: | 5 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 5.09%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Methylene Chloride | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| MTBE | U | µg/kg | 260 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Naphthalene | U | µg/kg | 350 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| n-Propylbenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Styrene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1,2-Tetrachloroethane | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2,2-Tetrachloroethane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Tetrachloroethene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Toluene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trichlorobenzene | U | µg/kg | 350 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1-Trichloroethane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2-Trichloroethane | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Trichloroethene | U | µg/kg | 53 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Trichlorofluoromethane | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trichloropropane | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| 1,3,5-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Vinyl Chloride | U | µg/kg | 42 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |
| Xylenes | U | µg/kg | 160 | 1 | VA09L21B | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|------------------------|--------------------|-------------------|-------------------|
| 1914 Holloway Drive | Holt, MI 48842 | T: (517) 699-0345 | F: (517) 699-0388 |
| 11766 E. Grand River | Brighton, MI 48116 | T: (810) 220-3300 | F: (810) 220-3311 |
| 8660 S. Mackinaw Trail | Cadillac, MI 49601 | T: (231) 775-8368 | F: (231) 775-8584 |

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-005A |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-4 20-24 |
| Project Number: | 16-060850 | Client Sample Number: | 5 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 5.09%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Dry Weight Determination (ASTM D 2974-87)

| | | | | | | | | |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|
| Percent Moisture (Water Content) | 5.1 | % | 0.1 | 1 | MC091221 | 12/21/2009 | 12/22/2009 | BMG |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|

Michigan 10 Elements by ICP/MS (EPA 3050B/EPA 6020)

| | | | | | | | | |
|----------|--------------|-------|------|---|----------|------------|------------|-----|
| Arsenic | 2300 | µg/kg | 100 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Barium | 5800 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Cadmium | U | µg/kg | 50 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Chromium | 3100 | µg/kg | 500 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Copper | 3600 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Lead | 2000 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Selenium | U | µg/kg | 200 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Silver | U | µg/kg | 100 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Zinc | 14000 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |

Mercury by CVAAS (EPA 7471A)

| | | | | | | | | |
|---------|----------|-------|----|---|----------|------------|------------|-----|
| Mercury | U | µg/kg | 53 | 1 | PM09L23A | 12/23/2009 | 12/23/2009 | MAP |
|---------|----------|-------|----|---|----------|------------|------------|-----|

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3550B/EPA 8270C)

| | | | | | | | | |
|----------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Acenaphthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Acenaphthylene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Anthracene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(a)anthracene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(a)pyrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(b)fluoranthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(ghi)perylene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |

| | | | |
|------------------------|--------------------|-------------------|-------------------|
| 1914 Holloway Drive | Holt, MI 48842 | T: (517) 699-0345 | F: (517) 699-0388 |
| 11766 E. Grand River | Brighton, MI 48116 | T: (810) 220-3300 | F: (810) 220-3311 |
| 8660 S. Mackinaw Trail | Cadillac, MI 49601 | T: (231) 775-8368 | F: (231) 775-8584 |

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-005A |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-4 20-24 |
| Project Number: | 16-060850 | Client Sample Number: | 5 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 5.09%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3550B/EPA 8270C)

| | | | | | | | | |
|------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Benzo(k)fluoranthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Chrysene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Dibenzo(a,h)anthracene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Fluoranthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Fluorene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Indeno(1,2,3-cd)pyrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| 2-Methylnaphthalene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Phenanthrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Pyrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-006 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-5 20-24' |
| Project Number: | 16-060850 | Client Sample Number: | 6 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 4.85%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|----------------------|----------|-------|------|---|----------|------------|------------|-----|
| Acetone | U | µg/kg | 1100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Acrylonitrile | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Benzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromobenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromoform | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromomethane | U | µg/kg | 210 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromodichloromethane | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Butanone | U | µg/kg | 790 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| n-Butylbenzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| sec-Butylbenzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| tert-Butylbenzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Disulfide | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Tetrachloride | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chlorobenzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloroethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloroform | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloromethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Chlorotoluene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dibromochloromethane | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-006 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-5 20-24' |
| Project Number: | 16-060850 | Client Sample Number: | 6 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 4.85%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|-----------------------------|----------|-------|------|---|----------|------------|------------|-----|
| 1,2-Dibromo-3-chloropropane | U | µg/kg | 11 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dibromomethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,3-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,4-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dichlorodifluoromethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloroethane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,2-Dichloroethene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,2-Dichloroethene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloropropane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,3-Dichloropropene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,3-Dichloropropene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Ethylbenzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Ethylene Dibromide | U | µg/kg | 21 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Hexanone | U | µg/kg | 2600 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Methyl Iodide | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Isopropylbenzene | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 4-Methyl-2-pentanone | U | µg/kg | 2600 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-006 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-5 20-24' |
| Project Number: | 16-060850 | Client Sample Number: | 6 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 4.85%. | | |

Definitions/
Qualifiers: A: Spike recovery or precision unusable due to dilution.
 B: The analyte was detected in the associated method blank.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
 J: The concentration is an estimated value.
 U: The analyte was not detected at or above the reporting limit.
 X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Methylene Chloride | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| MTBE | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Naphthalene | U | µg/kg | 350 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| n-Propylbenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Styrene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1,2-Tetrachloroethane | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2,2-Tetrachloroethane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Tetrachloroethene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Toluene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trichlorobenzene | U | µg/kg | 350 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1-Trichloroethane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2-Trichloroethane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Trichloroethene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Trichlorofluoromethane | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trichloropropane | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,3,5-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Vinyl Chloride | U | µg/kg | 42 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Xylenes | U | µg/kg | 160 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

1914 Holloway Drive
 11766 E. Grand River
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 Holt, MI 48842
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 F: (517) 699-0388
 T: (810) 220-3300
 F: (810) 220-3311
 T: (231) 775-8368
 F: (231) 775-8584

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-006A |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-5 20-24' |
| Project Number: | 16-060850 | Client Sample Number: | 6 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 4.85%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Dry Weight Determination (ASTM D 2974-87)

| | | | | | | | | |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|
| Percent Moisture (Water Content) | 4.8 | % | 0.1 | 1 | MC091221 | 12/21/2009 | 12/22/2009 | BMG |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|

Michigan 10 Elements by ICP/MS (EPA 3050B/EPA 6020)

| | | | | | | | | |
|----------|--------------|-------|------|---|----------|------------|------------|-----|
| Arsenic | 2600 | µg/kg | 100 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Barium | 6200 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Cadmium | U | µg/kg | 50 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Chromium | 3500 | µg/kg | 500 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Copper | 5100 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Lead | 2600 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Selenium | U | µg/kg | 200 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Silver | U | µg/kg | 100 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Zinc | 16000 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |

Mercury by CVAAS (EPA 7471A)

| | | | | | | | | |
|---------|----------|-------|----|---|----------|------------|------------|-----|
| Mercury | U | µg/kg | 53 | 1 | PM09L23A | 12/23/2009 | 12/23/2009 | MAP |
|---------|----------|-------|----|---|----------|------------|------------|-----|

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3550B/EPA 8270C)

| | | | | | | | | |
|----------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Acenaphthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Acenaphthylene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Anthracene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(a)anthracene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(a)pyrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(b)fluoranthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(ghi)perylene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |

| | | | |
|------------------------|--------------------|-------------------|-------------------|
| 1914 Holloway Drive | Holt, MI 48842 | T: (517) 699-0345 | F: (517) 699-0388 |
| 11766 E. Grand River | Brighton, MI 48116 | T: (810) 220-3300 | F: (810) 220-3311 |
| 8660 S. Mackinaw Trail | Cadillac, MI 49601 | T: (231) 775-8368 | F: (231) 775-8584 |

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-006A |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-5 20-24' |
| Project Number: | 16-060850 | Client Sample Number: | 6 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 4.85%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3550B/EPA 8270C)

| | | | | | | | | |
|------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Benzo(k)fluoranthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Chrysene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Dibenzo(a,h)anthracene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Fluoranthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Fluorene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Indeno(1,2,3-cd)pyrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| 2-Methylnaphthalene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Phenanthrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Pyrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-007 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-6 20-24' |
| Project Number: | 16-060850 | Client Sample Number: | 7 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.51%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|----------------------|----------|-------|------|---|----------|------------|------------|-----|
| Acetone | U | µg/kg | 1000 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Acrylonitrile | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Benzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromobenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromoform | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromomethane | U | µg/kg | 210 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromodichloromethane | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Butanone | U | µg/kg | 780 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| n-Butylbenzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| sec-Butylbenzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| tert-Butylbenzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Disulfide | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Tetrachloride | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chlorobenzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloroethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloroform | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloromethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Chlorotoluene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dibromochloromethane | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-007 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-6 20-24' |
| Project Number: | 16-060850 | Client Sample Number: | 7 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.51%. | | |

Definitions/
Qualifiers: A: Spike recovery or precision unusable due to dilution.
 B: The analyte was detected in the associated method blank.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
 J: The concentration is an estimated value.
 U: The analyte was not detected at or above the reporting limit.
 X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|-----------------------------|----------|-------|------|---|----------|------------|------------|-----|
| 1,2-Dibromo-3-chloropropane | U | µg/kg | 10 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dibromomethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,3-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,4-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dichlorodifluoromethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloroethane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,2-Dichloroethene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,2-Dichloroethene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloropropane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,3-Dichloropropene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,3-Dichloropropene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Ethylbenzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Ethylene Dibromide | U | µg/kg | 21 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Hexanone | U | µg/kg | 2600 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Methyl Iodide | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Isopropylbenzene | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 4-Methyl-2-pentanone | U | µg/kg | 2600 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

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 Cadillac, MI 49601
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 F: (517) 699-0388
 T: (810) 220-3300
 F: (810) 220-3311
 T: (231) 775-8368
 F: (231) 775-8584

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-007 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-6 20-24' |
| Project Number: | 16-060850 | Client Sample Number: | 7 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.51%. | | |

Definitions/
Qualifiers: A: Spike recovery or precision unusable due to dilution.
 B: The analyte was detected in the associated method blank.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
 J: The concentration is an estimated value.
 U: The analyte was not detected at or above the reporting limit.
 X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Methylene Chloride | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| MTBE | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Naphthalene | U | µg/kg | 340 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| n-Propylbenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Styrene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1,2-Tetrachloroethane | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2,2-Tetrachloroethane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Tetrachloroethene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Toluene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trichlorobenzene | U | µg/kg | 340 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1-Trichloroethane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2-Trichloroethane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Trichloroethene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Trichlorofluoromethane | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trichloroproppane | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,3,5-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Vinyl Chloride | U | µg/kg | 41 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Xylenes | U | µg/kg | 160 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

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 F: (810) 220-3311
 F: (231) 775-8584

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-007A |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-6 20-24' |
| Project Number: | 16-060850 | Client Sample Number: | 7 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.51%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Dry Weight Determination (ASTM D 2974-87)

| | | | | | | | | |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|
| Percent Moisture (Water Content) | 3.5 | % | 0.1 | 1 | MC091221 | 12/21/2009 | 12/22/2009 | BMG |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|

Michigan 10 Elements by ICP/MS (EPA 3050B/EPA 6020)

| | | | | | | | | |
|----------|--------------|-------|------|---|----------|------------|------------|-----|
| Arsenic | 3700 | µg/kg | 100 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Barium | 9600 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Cadmium | 63 | µg/kg | 50 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Chromium | 4700 | µg/kg | 500 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Copper | 9100 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Lead | 3300 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Selenium | U | µg/kg | 200 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Silver | U | µg/kg | 100 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Zinc | 22000 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |

Mercury by CVAAS (EPA 7471A)

| | | | | | | | | |
|---------|----------|-------|----|---|----------|------------|------------|-----|
| Mercury | U | µg/kg | 52 | 1 | PM09L23A | 12/23/2009 | 12/23/2009 | MAP |
|---------|----------|-------|----|---|----------|------------|------------|-----|

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3550B/EPA 8270C)

| | | | | | | | | |
|----------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Acenaphthene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Acenaphthylene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Anthracene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(a)anthracene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(a)pyrene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(b)fluoranthene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(ghi)perylene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |

| | | | |
|------------------------|--------------------|-------------------|-------------------|
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| 8660 S. Mackinaw Trail | Cadillac, MI 49601 | T: (231) 775-8368 | F: (231) 775-8584 |

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-007A |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-6 20-24' |
| Project Number: | 16-060850 | Client Sample Number: | 7 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.51%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3550B/EPA 8270C)

| | | | | | | | | |
|------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Benzo(k)fluoranthene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Chrysene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Dibenzo(a,h)anthracene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Fluoranthene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Fluorene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Indeno(1,2,3-cd)pyrene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| 2-Methylnaphthalene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Phenanthrene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Pyrene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-008 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-7 16-20' |
| Project Number: | 16-060850 | Client Sample Number: | 8 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.71%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|----------------------|----------|-------|------|---|----------|------------|------------|-----|
| Acetone | U | µg/kg | 1000 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Acrylonitrile | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Benzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromobenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromoform | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromomethane | U | µg/kg | 210 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromodichloromethane | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Butanone | U | µg/kg | 780 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| n-Butylbenzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| sec-Butylbenzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| tert-Butylbenzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Disulfide | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Tetrachloride | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chlorobenzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloroethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloroform | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloromethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Chlorotoluene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dibromochloromethane | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
| 1914 Holloway Drive 11766 E. Grand River 8660 S. Mackinaw Trail | Holt, MI 48842 Brighton, MI 48116 Cadillac, MI 49601 | T: (517) 699-0345 T: (810) 220-3300 T: (231) 775-8368 | F: (517) 699-0388 F: (810) 220-3311 F: (231) 775-8584 |
|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-008 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-7 16-20' |
| Project Number: | 16-060850 | Client Sample Number: | 8 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.71%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|-----------------------------|----------|-------|------|---|----------|------------|------------|-----|
| 1,2-Dibromo-3-chloropropane | U | µg/kg | 10 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dibromomethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,3-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,4-Dichlorobenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dichlorodifluoromethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloroethane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,2-Dichloroethene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,2-Dichloroethene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloropropane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,3-Dichloropropene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,3-Dichloropropene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Ethylbenzene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Ethylene Dibromide | U | µg/kg | 21 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Hexanone | U | µg/kg | 2600 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Methyl Iodide | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Isopropylbenzene | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 4-Methyl-2-pentanone | U | µg/kg | 2600 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
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|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-008 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-7 16-20' |
| Project Number: | 16-060850 | Client Sample Number: | 8 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.71%. | | |

Definitions/
Qualifiers: A: Spike recovery or precision unusable due to dilution.
 B: The analyte was detected in the associated method blank.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
 J: The concentration is an estimated value.
 U: The analyte was not detected at or above the reporting limit.
 X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Methylene Chloride | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| MTBE | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Naphthalene | U | µg/kg | 340 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| n-Propylbenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Styrene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1,2-Tetrachloroethane | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2,2-Tetrachloroethane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Tetrachloroethene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Toluene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trichlorobenzene | U | µg/kg | 340 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1-Trichloroethane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2-Trichloroethane | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Trichloroethene | U | µg/kg | 52 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Trichlorofluoromethane | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trichloroproppane | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,3,5-Trimethylbenzene | U | µg/kg | 100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Vinyl Chloride | U | µg/kg | 42 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Xylenes | U | µg/kg | 160 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

1914 Holloway Drive
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 8660 S. Mackinaw Trail
 Holt, MI 48842
 Brighton, MI 48116
 Cadillac, MI 49601
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 T: (810) 220-3300
 T: (231) 775-8368
 F: (517) 699-0388
 F: (810) 220-3311
 F: (231) 775-8584

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-008A |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-7 16-20' |
| Project Number: | 16-060850 | Client Sample Number: | 8 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.71%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Dry Weight Determination (ASTM D 2974-87)

| | | | | | | | | |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|
| Percent Moisture (Water Content) | 3.7 | % | 0.1 | 1 | MC091221 | 12/21/2009 | 12/22/2009 | BMG |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|

Michigan 10 Elements by ICP/MS (EPA 3050B/EPA 6020)

| | | | | | | | | |
|----------|-------------|-------|------|---|----------|------------|------------|-----|
| Arsenic | 1400 | µg/kg | 100 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Barium | 3700 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Cadmium | U | µg/kg | 50 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Chromium | 2600 | µg/kg | 500 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Copper | 2900 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Lead | 1600 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Selenium | U | µg/kg | 200 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Silver | U | µg/kg | 100 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Zinc | 9700 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |

Mercury by CVAAS (EPA 7471A)

| | | | | | | | | |
|---------|----------|-------|----|---|----------|------------|------------|-----|
| Mercury | U | µg/kg | 52 | 1 | PM09L23A | 12/23/2009 | 12/23/2009 | MAP |
|---------|----------|-------|----|---|----------|------------|------------|-----|

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3550B/EPA 8270C)

| | | | | | | | | |
|----------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Acenaphthene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Acenaphthylene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Anthracene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(a)anthracene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(a)pyrene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(b)fluoranthene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(ghi)perylene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |

| | | | |
|------------------------|--------------------|-------------------|-------------------|
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| 11766 E. Grand River | Brighton, MI 48116 | T: (810) 220-3300 | F: (810) 220-3311 |
| 8660 S. Mackinaw Trail | Cadillac, MI 49601 | T: (231) 775-8368 | F: (231) 775-8584 |

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-008A |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-7 16-20' |
| Project Number: | 16-060850 | Client Sample Number: | 8 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 3.71%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3550B/EPA 8270C)

| | | | | | | | | |
|------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Benzo(k)fluoranthene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Chrysene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Dibenzo(a,h)anthracene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Fluoranthene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Fluorene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Indeno(1,2,3-cd)pyrene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| 2-Methylnaphthalene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Phenanthrene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Pyrene | U | µg/kg | 340 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-009 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-8 16-20' |
| Project Number: | 16-060850 | Client Sample Number: | 9 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 4.90%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|----------------------|----------|-------|------|---|----------|------------|------------|-----|
| Acetone | U | µg/kg | 1100 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Acrylonitrile | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Benzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromobenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromoform | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromomethane | U | µg/kg | 210 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Bromodichloromethane | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Butanone | U | µg/kg | 790 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| n-Butylbenzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| sec-Butylbenzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| tert-Butylbenzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Disulfide | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Carbon Tetrachloride | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chlorobenzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloroethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloroform | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Chloromethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Chlorotoluene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dibromochloromethane | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

| | | | |
|---|--|---|---|
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|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-009 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-8 16-20' |
| Project Number: | 16-060850 | Client Sample Number: | 9 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 4.90%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|-----------------------------|----------|-------|------|---|----------|------------|------------|-----|
| 1,2-Dibromo-3-chloropropane | U | µg/kg | 11 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dibromomethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,3-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,4-Dichlorobenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Dichlorodifluoromethane | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloroethane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1-Dichloroethene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,2-Dichloroethene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,2-Dichloroethene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2-Dichloropropane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| cis-1,3-Dichloropropene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| trans-1,3-Dichloropropene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Ethylbenzene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Ethylene Dibromide | U | µg/kg | 21 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 2-Hexanone | U | µg/kg | 2600 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Methyl Iodide | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Isopropylbenzene | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 4-Methyl-2-pentanone | U | µg/kg | 2600 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

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|---|--|---|---|
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|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-009 |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-8 16-20' |
| Project Number: | 16-060850 | Client Sample Number: | 9 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 4.90%. | | |

Definitions/
Qualifiers: A: Spike recovery or precision unusable due to dilution.
 B: The analyte was detected in the associated method blank.
 E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
 J: The concentration is an estimated value.
 U: The analyte was not detected at or above the reporting limit.
 X: Matrix Interference has resulted in a raised reporting limit or distorted result.
 W: Results reported on a wet-weight basis.
 *: Value reported is outside QA limits

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Volatile Organic Compounds (VOCs) by GC/MS, 5035 (EPA 5035/EPA 8260B)

| | | | | | | | | |
|---------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Methylene Chloride | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| MTBE | U | µg/kg | 260 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Naphthalene | U | µg/kg | 350 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| n-Propylbenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Styrene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1,2-Tetrachloroethane | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2,2-Tetrachloroethane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Tetrachloroethene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Toluene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trichlorobenzene | U | µg/kg | 350 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,1-Trichloroethane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,1,2-Trichloroethane | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Trichloroethene | U | µg/kg | 53 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Trichlorofluoromethane | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trichloroproppane | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,3-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,2,4-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| 1,3,5-Trimethylbenzene | U | µg/kg | 110 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Vinyl Chloride | U | µg/kg | 42 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |
| Xylenes | U | µg/kg | 160 | 1 | VA09L22A | 12/17/2009 | 12/22/2009 | JAS |

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 Cadillac, MI 49601
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 T: (810) 220-3300
 F: (810) 220-3311
 T: (231) 775-8368
 F: (231) 775-8584

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-009A |

Client Sample Information

| | | | |
|-------------------------|--------------------|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-8 16-20' |
| Project Number: | 16-060850 | Client Sample Number: | 9 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |

Comments: **All Results Reported On Dry Weight Basis. Percent Moisture = 4.90%.**

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Dry Weight Determination (ASTM D 2974-87)

| | | | | | | | | |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|
| Percent Moisture (Water Content) | 4.9 | % | 0.1 | 1 | MC091221 | 12/21/2009 | 12/22/2009 | BMG |
|----------------------------------|------------|---|-----|---|----------|------------|------------|-----|

Michigan 10 Elements by ICP/MS (EPA 3050B/EPA 6020)

| | | | | | | | | |
|----------|--------------|-------|------|---|----------|------------|------------|-----|
| Arsenic | 1500 | µg/kg | 100 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Barium | 5000 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Cadmium | U | µg/kg | 50 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Chromium | 3000 | µg/kg | 500 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Copper | 3500 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Lead | 1800 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Selenium | U | µg/kg | 200 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Silver | U | µg/kg | 100 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |
| Zinc | 12000 | µg/kg | 1000 | 1 | PT09L23C | 12/23/2009 | 12/23/2009 | JLH |

Mercury by CVAAS (EPA 7471A)

| | | | | | | | | |
|---------|----------|-------|----|---|----------|------------|------------|-----|
| Mercury | U | µg/kg | 53 | 1 | PM09L23A | 12/23/2009 | 12/23/2009 | MAP |
|---------|----------|-------|----|---|----------|------------|------------|-----|

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3550B/EPA 8270C)

| | | | | | | | | |
|----------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Acenaphthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Acenaphthylene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Anthracene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(a)anthracene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(a)pyrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(b)fluoranthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Benzo(ghi)perylene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |

| | | | |
|---|--|---|---|
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|---|--|---|---|

Analytical Laboratory Report

| | | | |
|--------------------------|--|----------------|-------------------|
| Client Identification: | NTH Consultants, Ltd. - Lansing | Sample Matrix: | Soil/Solid |
| Fibertec Project Number: | 37365 | Sample Number: | 37365-009A |

Client Sample Information

| | | | |
|-------------------------|--|----------------------------|-------------------|
| Project Identification: | Tasty Twist | Client Sample Description: | B-8 16-20' |
| Project Number: | 16-060850 | Client Sample Number: | 9 |
| Sample Date: | 12/17/2009 | Chain of Custody Number: | 99292 |
| Comments: | All Results Reported On Dry Weight Basis. Percent Moisture = 4.90%. | | |

| | | | |
|-----------------------------|--|---|--|
| Definitions/ Qualifiers: | A: Spike recovery or precision unusable due to dilution. B: The analyte was detected in the associated method blank. E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated. | J: The concentration is an estimated value. U: The analyte was not detected at or above the reporting limit. | X: Matrix Interference has resulted in a raised reporting limit or distorted result. W: Results reported on a wet-weight basis. *: Value reported is outside QA limits |
|-----------------------------|--|---|--|

| Analyte | Result | Units | Report Limit | Dilution Factor | Prep Batch | Prep Date/Time | Analysis Date/Time | Analyst |
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|
|---------|--------|-------|--------------|-----------------|------------|----------------|--------------------|---------|

Polynuclear Aromatic Hydrocarbons (PNAs) (EPA 3550B/EPA 8270C)

| | | | | | | | | |
|------------------------|----------|-------|-----|---|----------|------------|------------|-----|
| Benzo(k)fluoranthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Chrysene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Dibenzo(a,h)anthracene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Fluoranthene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Fluorene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Indeno(1,2,3-cd)pyrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| 2-Methylnaphthalene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Phenanthrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |
| Pyrene | U | µg/kg | 350 | 1 | PS09L21C | 12/21/2009 | 12/21/2009 | TMC |

